

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): E. Ben-Jacob et al.

Confirmation No.: 6759

Application No.: 09/724,436

Group Art Unit: 1631

Filed: Nov. 28, 2000

Examiner: M. Moran

For: A METHOD AND APPARATUS FOR DNA  
BASED SINGLE ELECTRON LOGICAL  
ELEMENTS

Attorney Docket No: 7640-X05-049

**RESPONSE TO OFFICE ACTION**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Dear Sir:

In response to the Office Action mailed April 10, 2006, Applicants hereby submit the following amendments and remarks for the above-identified application. Reconsideration and allowance of the pending claims in view of the following are respectfully requested.